



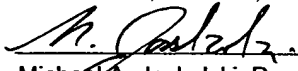
*IPa*

PATENT

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Date of Signature

and Deposit: 1-26-04

  
Michael A. Jaskolski, Reg. No. 37,551

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: David W. Farchmin

Client Docket No. 03AB206

Serial No.: 10/675,535

Filing Date: 09/30/03

Title: Wireless Location Based Automated Components

Art Unit: 2681

Examiner:

Atty Docket: 110003.00051

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INFORMATION DISCLOSURE STATEMENT PURSUANT TO 37 CFR 1.97

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Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The following are submitted in the above-identified application in compliance with 37 CFR 1.97 and 1.98:

- ☒ A list of documents on form PTO-1449 together with copies of each identified document;
- ☐ A translation or a concise explanation of each non English language document is enclosed herewith.

This paper is submitted in accordance with:

- ☒ 37 CFR 1.97(b) [within 3 months of filing or prior to 1<sup>st</sup> Office Action]
- ☐ 37 CFR 1.97(c) [before Final Office Action or Notice of Allowance]; and
- ☐ The required certification made under the heading "Certification" below;  
or

☐ The \$ \_\_\_\_\_ fee specified in 37 CFR §1.17(p) for submission of this Information Disclosure Statement is authorized under the heading "Authorization to Charge Fees" below.

☐ 37 CFR §1.97(d) [before issue fee payment]; and

a) This is a petition for consideration of the subject Information Disclosure Statement. The petition fee \$ \_\_\_\_\_ required by 37 CFR 1.17(i)(1) is authorized under the heading "Authorization to Charge Fees." (Direct this letter to "Attention PETITIONS EXAMINER" and if applicable include batch locator information: e.g. "Allowed Files, Batch \_\_\_\_\_, Date of Allowance \_\_\_\_\_"), and

b) The required Certification is stated under the heading "Certification" below.

☐ Certification

☐ Each item of information contained in this Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; or

☐ No item of information contained in this statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this document after making reasonable inquiry, was known to any individual designated in 37 CFR 1.56(c) more than three (3) months prior to the filing of this Statement.

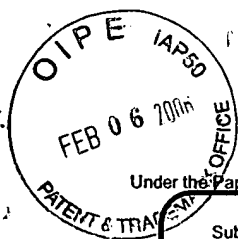
☒ Authorization to Charge Fees

Please charge all applicable fees associated with the submittal of this Information Disclosure Statement to Deposit Account 17-0055.

Respectfully submitted,  
DAVID W. FARCHMIN

By: \_\_\_\_\_

*M. Jaskolski*  
Michael A. Jaskolski  
Attorney for Applicant  
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Milwaukee, WI 53202



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PTO/SB/08A (10-01)  
Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)  Sheet <b>1</b> of <b>3</b>		<b>Complete if Known</b>	
		Application Number	10/675,535
		Filing Date	09/30/03
		First Named Inventor	David W. Farchmin
		Group Art Unit	2681
		Examiner Name	
		Attorney Docket Number	110003.00051.03AB 206

U.S. PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	1	5,835,061		Stewart	11-10-98	
	2	6,060,993		Cohen	05-09-00	
	3	5,960,085		de la Huerqa	09-28-99	
	4	4,612,620		Davis, et al.	09-16-86	
	5	6,236,335		Goodwin III	05-22-01	
	6	6,011,487		Plocher	01-04-00	
	7	2001/0024174		Turner	09-27-01	
	8	5,751,221		Stanfield, et al.	05-12-98	
	9	5,627,549		Park	05-06-97	
	10	5,649,300		Snyder et al	07-15-97	
	11	6,362,783		Sugiura et al	03-26-02	
	12	5,287,266		Malec et al	02-15-94	
	13	6,359,711		Cole et al	03-19-02	
	14	6,211,799		Post et al	Apr. 3, 2001	
	15	6,282,455		Engdahl	Aug. 28, 2001	
	16	6,446,004		Cao et al	Sep. 3, 2002	
	17	20020125886		Bates et al	Sep. 12, 2002	
	18	5,544,321		Theimer et al	Aug. 6, 1996	
	19	2003/0011467		Suomela	Jan. 16, 2003	

FOREIGN PATENT DOCUMENTS							
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>				
	1		0 992 921 A2	Lucent Technologies Inc	12.04.2000		
	2		WO 00/50919	Micosoft Corporation	31.08.2000		
	3		WO 02/054813 A1	EKA-Hau Oy	11.07.2002		
	4		WO 02/43428 A1	Tele-Com Italia Lab s.p.	30.05.2002		
	5		WO 01/16607 A2	Cordless Antistatic Res	08.03.2001		
	6		WO 02/12992 A2	IBM United Kingdom Lir	14.02.2002		
	7		GB 2 365 662	International Business M	20.02.2002		
	8		WO 02/056274 A1	Digital Angel Corporatio	18.07.2002		
	9		<del>WO 00/17737</del>	Kemink et al	30.03.00		
	10		WO 01/82032 A2	Baker, Richard A.	01.11.2001		

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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Substitute for form 1449B/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	10/675,535
		Filing Date	09/30/03
		First Named Inventor	David W. Farchmin
		Group Art Unit	2681
		Examiner Name	
		Attorney Docket Number	110003.00051.03AB 206
Sheet	2	of	3

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	1	A Statistical Modeling Approach to Location Estimation; IEEE Transactions on Mobile Computing; Vol. 1, No. 1, Jan-Mar 2002; pg. 59-69; Roos, et al	
	2	A Probabilistic Approach to WLAN User Location Estimation; International Journal of Wireless Information Networks, Vol. 9, No. 3, pg. 155-164; Roos; et al.	
	3	A Statistical Modeling Approach To Location Estimation; Master's Thesis, Univ. of Helsinki, Department of Computer Science, May 5, 2001, Teemu Tonteri	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

### Complete if Known

Application Number	10/675,535
Filing Date	09/30/03
First Named Inventor	David W. Farchmin
Art Unit	2681
Examiner Name	
Attorney Docket Number	110003.00051.03AB206

Sheet 3 of 3

### U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	20	US- 6,167,464	12-26-00	Kretschmann	
	21	US- 5,907,491	05-25-99	Canada et al	
	22	US- 2002/0030094 A1	03-14-02	Curry et al	
	23	US- 2002/0167417 A1	11-14-02	Wells, II et al	
	24	US- 2002/0058499 A1	05-16-02	Ortiz	
	25	US- 5,202,929	04-13-93	Lemelson	
	26	US- 5,548,660	08-20-96	Lemelson	
	27	US- 2001/0018349	08-30-01	Kinnunen et al	
	28	US- 5,485,634	01-16-96	Weiser et al	
	29	US- 5,910,799	06-08-99	Carpenter et al	
	30	US- 5,552,806	09-03-96	Lenchik	
	31	US- 2002/0161633 A1	10-31-02	Jacob et al	
	32	US- 5,555,376	09-10-96	Theimer et al	
	33	US- 5,642,303	06-24-97	Small et al	
	34	US- 2002/0007407 A1	01-17-02	Klein	
	35	US-			
		US-			
		US-			
		US-			

### FOREIGN PATENT DOCUMENTS

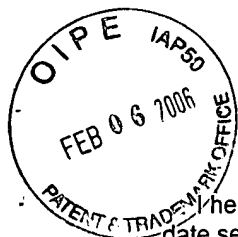
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
	11	WO 02/05107 A1	17.01.2002	Swales, Andrew		
	12	EP 0 801 342 B1	08.01.2003	Carpenter, et al		
	13	EP 0 626 635 A2	30.11.94	Palrang et al		
	14	WO 02/13557 A1	14.02.2002	Keller, et al		
	15	WO 01/41546 A2	14.06.2001	Brumitt et al		

Examiner Signature	Date Considered
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Date of Signature

And Deposit

2-2-06

Michael A. Jaskolski Reg. No. 37,551

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: David W. Farchmin  
Serial No.: 10/675,535  
Filed: September 30, 2003  
Title: Wireless Locatin Based Automated Components  
Art Unit: 2121  
Examiner: Douglas M. Shute  
Our Ref.: 110003.00051.03AB206

Commissioner for Patents  
Washington DC 20231

Dear Sir:

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**Resubmission of 1449 Form and Non-US Patent Art**

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Enclosed you will find a 1449 Form that was previously submitted to the Patent Office on January 26, 2004 as indicated by the copy of the returned postcard included herewith. Please consider the art indicated on the 1449 form in due course and prior to a Notice of Allowance in this case.

Respectfully submitted,

DAVID W. FARCHMIN

Date: 2-2-06

By:

  
Michael A. Jaskolski  
Reg. No. 37,551  
Attorney for Applicant  
QUARLES & BRADY, LLP  
411 East Wisconsin Avenue  
Milwaukee, WI. 53202-4497  
(414) 277-5711

**IN THE UN**  
The followir  
IDS & 1449  
**Applicant :**  
**Serial No.**  
**Patent No.**  
**Title:**  
**Date:**  
**Our File:**  
**Attorney:**  
**Secretary:**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

The following documents have been received:

IDS & 1449 & cited art

**Applicant :** Farchmin, David W.

**Serial No. :** 10/675,535

**Patent No. :** N/A

**Title:** Wireless Location Based Automated Components

**Date:** 1/26/2004

**Our File:** 110003.00051

**Attorney:** MAJ

**Secretary:** dxm

